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SCIENTIFIC AND TECHNOLOGICAL DEVELOPMENTS IN YUGOSLAVIA,
26 MARCH-8 APRIL 1954

Agricultural Sciences

ANNUAL ASSEMBLY OF AGRONOMISTS OF CROATIA -- Zagreb, Vjesnik, 29 Mar 54

The annual assembly of the Society of Agronomists of Croatia (Društvo agronoma Hrvatske) is being held in Zagreb from 26 to 29 March. The organization of the agricultural service will be the main topic under discussion.

TO ESTABLISH BUREAU OF LIVESTOCK IN SLOVENIA -- Belgrade, Politika, 8 Apr 54

A Bureau of Livestock of Slovenia (Zavod za stocarstvo Slovenije) to be established in Ljubljana to study the problem of increasing the number and quality of livestock in the republic.

ESTABLISH COOPERATIVE ASSOCIATION OF LIVESTOCK RAISERS -- Zagreb, Borba, 4 Apr 54

The founding assembly of the Cooperative Association of Livestock Raisers of Croatia (Zadružni savez stocara Hrvatske) was held on 3 April in Zagreb. The functions of the association will include the organization of supervision over livestock raising; introduction of selection in livestock raising and the better feeding of stock, study of methods of developing livestock production and productivity, compilation statistics on livestock production registration of livestock, and aid in securing breeding stock, etc.

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ORGANIZE COOPERATIVE FOR POULTRY BREEDING -- Zagreb, Borba, 30 Mar 54

A cooperative for the breeding of pure-blooded poultry, rabbits, and goats was recently established in Krizevci. To date, 1,000 Rhode Island Red and Sussex eggs have been acquired. At the founding assembly of the cooperative, 27 members were registered into the cooperative.

TO ESTABLISH LABORATORY FOR SOIL ANALYSIS -- Ljubljana, Ljudska pravica-Borba, 27 Mar 54

Plans are under way in the Srez Cooperative Association in Ljutomer to establish a soil analysis laboratory. The Agronomy Faculty of Ljubljana will secure the equipment. Viktor Stanek, soil technologist, will be in charge of the laboratory.

SOIL ANALYSIS EQUIPMENT RECEIVED -- Sarajevo, Oslobođenje, 26 Mar 54

The Institute of Adriatic Cultures (Institut za Jadranske kulture) recently procured soil analysis equipment from a California firm.

This is the third set of such equipment in Yugoslavia.

OPEN AGRICULTURAL CHEMIST'S SHOP IN RUMA -- Novi Sad, Dnevnik, 26 Mar 54

To protect crops and livestock from diseases and pests, the Srez Association of Farm Work Cooperatives in Rumski Srez recently opened an agricultural chemist's shop to aid in assuring larger crops and better quality agricultural products.

Novi Sad, Dnevnik, 27 Mar 54

A similar shop was opened recently in Senta by the Srez Association of Farm Work Cooperatives in Sencanski Srez.

TO ESTABLISH AGRICULTURAL STATION IN JAJCE -- Sarajevo, Oslobođenje, 27 Mar 54

At its last meeting, the Jajce Srez People's Council adopted a proposal to establish an agricultural station in Jajce.

ESTABLISH AGRICULTURAL EXPERIMENTAL STATION IN SARAJEVO SREZ -- Sarajevo, Oslobođenje, 7 Apr 54

An agricultural experimental station was recently established for Sarajevo Srez in Kasindol.

ELECTRICAL MILKING MACHINE -- Zagreb, Borba, 4 Apr 54

The first electric milking machine in Macedonia was recently put into use at the "Skopsko Polje" state farm. The farm has 360 cows, so five additional machines will be necessary.

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Medical Sciences

SERBIAN MEDICAL SOCIETY HOLDS ANNUAL ASSEMBLY -- Novi Sad, Dnevnik, 29 Mar 54

At the annual assembly of the Serbian Medical Society, which was recently held in Belgrade, Dr Radivoje Berovic, professor at the Advanced Medical School (Medicinska velika skola) in Belgrade, was elected president.

ZAGREB UNIVERSITY PROFESSORS TO LECTURE -- Sarajevo, Oslobođenje, 26 Mar 54

At the beginning of April, a group of medical specialists from Zagreb University are to visit Zenica to lecture before the Society of Physicians of Zenica. The following physicians are to lecture on their specialities: Dr Ante Sercer, university professor and otorhinolaryngologist; Dr Danko Rizner, neurosurgeon; and Dr Drago Cop, administrator of the Central Rheumatological Station in Zagreb.

PHYSICIAN AWARDED FOR OUTSTANDING WORK -- Novi Sad, Dnevnik, 4 Apr 54

For outstanding work in medical sciences, Dr Djura Dekanic, chief of the Gynecological and Obstetrics Section in the Provincial Hospital in Novi Sad, was recently awarded the title of "Primarius" by the Council for Public Health and Social Policy of Serbia.

[Article gives a detailed biography of Dr Dekanic.]

OPEN PHYSICAL CULTURE INSTITUTE IN LJUBLJANA -- Zagreb, Borba, 1 Apr 54

The Physical Culture Institute (Institut za tjelesni odgoj) was opened on 31 March, in Ljubljana.

Ljubljana, Ljudska pravica-Borba, 1 Apr 54

Drago Stepisnik is director of the institute.

PUBLIC HEALTH CENTER OPENS IN DJAKOVO -- Zagreb, Borba, 7 Apr 54

A new public health center was recently opened in Djakovo. The new center is important since there is no hospital in the area. The center has an anti-tuberculosis dispensary, dental clinic, an eight-bed hospital, and a 14-bed maternity section. The center will give aid to mobile health units throughout the area and to school clinics.

ZENICA HOSPITAL ENLARGED -- Sarajevo, Oslobođenje, 26 Mar 54

Neighboring buildings have been added to the Zenical Hospital, thus making it possible to increase the number of beds in the section for internal-medicine by 60.

SREZ MEDICAL STATION ESTABLISHED IN JAJCE -- Sarajevo, Oslobođenje, 27 Mar 54

A srez medical station was recently established in Jajce. The medical units in Jajce, Sipove, Strojice, Divicani, and Podmilacje will be under the station's jurisdiction.

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MEDICAL ESTABLISHMENTS TO BE SUPERVISED -- Zagreb, Narodni list, 31 Mar 54

The Bureau of Hygiene (Higijenski zavod) in Zagreb is planning to establish a section for supervising medical establishments (not including hospitals).

MEDICAL UNITS IN ENTERPRISES -- Belgrade, Politika, 27 Mar 54

The "Ikarus," "Galenika," "Zmaj," and "Milutinovic" enterprises in Zemun recently opened medical units.

TO CELEBRATE INTERNATIONAL HEALTH DAY -- Ljubljana, Ljudska pravica-Borba, 6 Apr 54

On 7 April, Yugoslavia will celebrate International Health Day in memory of Florence Nightingale. The day will be devoted to nurses, the pioneers of health. All medical societies, associations of nurses, and all medical establishments in Yugoslavia will feature lectures and exhibits on the nursing service.

DISCOVER SIMPLE METHOD FOR VIRUS RESEARCH -- Zagreb, Borba, 30 Mar 54

Dr Valentincic and Dr Gerbec of the Institute of Microbiology of the Advanced Medical School in Ljubljana have discovered a simple method for virus research. They have discovered that the effect of virus on living cells can be studied by growing cells in test tubes and in a chicken embryo.

DECREASE PRICES OF MEDICINES -- Zagreb, Borba, 1 Apr 54

Effective 1 April, prices were decreased on domestic pharmaceuticals, such as penicillin, which was decreased from 300 dinars to 196 for 400,000 units; sulfa compound from 240 to 185; and multivitamin, from 250 to 190 dinars [quantities not designated].

LECTURE ON INTESTINAL WORMS IN CHILDREN -- Zagreb, Narodni list, 3 Apr 54

On 2 April at the People's Medical University (Zdravstveno narodno sveuciliste) in Zagreb, Dr Jozo Budak will lecture on "Intestinal Worms in Children."

LECTURE ON ENDOCRINE GLANDS AND HORMONES -- Belgrade, Politika, 28 Mar 54

On 31 March, at the Workers' University (Radnicki univerzitet) in Belgrade, Dr Vojin Popovic, assistant at Belgrade University, will lecture on "Endocrine Glands and Hormones."

LECTURE ON PLASTIC SURGERY -- Ljubljana, Ljudska pravica-Borba, 4 Apr 54

The Slovenian Medical Society is sponsoring a lecture in Ljubljana on 9 April by Docent Dr Mirko Derganic on "The Development, Role, and Successes of Yugoslav Plastic Surgery."

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LECTURE ON PRESENT DAY SURGERY -- Novi Sad, Dnevnik, 30 Mar 54

On 30 March 1954, Dr Vladimir Jakovljevic, chief of staff of the Main Provincial Hospital (Glavna pokrajinska bolnica) in Novi Sad, is scheduled to lecture at the People's University in Novi Sad, on "Present Day Surgery."

ESTABLISH ASSOCIATION OF VOLUNTEER NURSES' AIDES -- Zagreb, Narodni list, 30 Mar 54

At the end of March, the Association of Volunteer Nurses' Aides of the Red Cross of Croatia was established.

PHARMACEUTICAL SOCIETY OF SLOVENIA HOLDS GENERAL SESSION -- Ljubljana, Ljudska pravice-Borba, 29 Mar 54

The Pharmaceutical Society of Slovenia (Farmacevtsko drustvo Slovenije) held a general session in Maribor on 27 and 28 March. The discussion centered on the future establishment of a Bureau of Pharmacy (Zavod za farmaciju) which will serve as a central office for the development of pharmacies.

TO HOLD ANNUAL ASSEMBLY OF PHARMACEUTICAL SOCIETY OF CROATIA -- Zagreb, Narodni list, 2 Apr 54

The annual assembly of the Pharmaceutical Society of Croatia (Farmacevtsko drustvo Hrvatske) will be held in Zagreb from 3 to 4 May.

Prof Jaroslav Jecmen will survey galenic preparations in the new pharmacopoeias; Dr Jovan Petricic will discuss the value of injecting digitalis into the blood stream; and Petar Torre, president of the society, will survey opportunities in Yugoslav pharmacies.

ANNUAL ASSEMBLY OF VETERINARIANS OF CROATIA -- Zagreb, Narodni list, 27 Mar 54

The following reports are to be given at the annual assembly of the veterinarians of Croatia, which begins in Zagreb on 27 March:

"Veterinary Science in Yugoslavia today," by Dr N Fiolic

"Combating Tuberculosis in the Past Year," by Dr B Tunkl

"Combating Newcastle Disease in 1953," by Dr Z Aleraj

"Combating Glanders and Hoof and Mouth Disease," by Dr N Hudber

"Theory and Practice of Veterinary Supervision of Vital Foods of Animal Origin," by Prof Dr M Francetic

"Available Antibiotics and Their Utilization in Veterinary Medicine," by Prof Dr M Delak

"Our Possibilities in Combating Parasitic Diseases," by Dr V Benko

"Results of the Survey of Teaching in the Faculty of Veterinary Medicine," by Prof Dr J Ivos

The assembly will continue for 2 days. A film procured through US technical aid on combating Newcastle disease will be shown.

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COMBAT EQUINECOCCAL INFECTION IN DUBROVNIK -- Zagreb, Borba, 7 Apr 54

Veterinarians of the city of Dubrovnik and of Dubrovnik Srez recently held a meeting to discuss organizing to combat equinecocal infection, a disease which is spread by dogs. The disease is most widespread in Dalmatia, Hercegovina, and Montenegro. In 1953, 100,000 kilograms of meat was spoiled because of this disease.

It was decided at the meeting that strict measures would be enforced against dog owners who do not cooperate in having their dogs examined once a year.

LIVESTOCK DISEASES PREVALENT IN YUGOSLAVIA -- Zagreb, Narodni list, 3 Apr 54

In Yugoslavia livestock diseases are more prevalent than in any other European country. In Croatia, over 2 million head of poultry die annually from Newcastle disease.

Natural Sciences and Mathematics

TO OPEN EXHIBIT OF TEACHING AIDS IN NATURAL SCIENCES -- Zagreb, Narodni list, 1 Apr 54

At the beginning of May, an exhibit of aids for the teaching of natural sciences will be on display in four rooms of the school museum (Skolski muzej) in Zagreb.

The "Učila" enterprise in Zagreb and the school museum are organizing this exhibit. Most of the equipment was designed by Professor Wagner. Equipment on display will pertain to the teaching of geography, physics, chemistry, zoology, botany, and astronomy. The equipment is low in cost and each piece can be used for 20 to 30 experiments.

LECTURE ON NATURAL SCIENCE -- Ljubljana, Ljudska pravica-Borba, 31 Mar 54

The Biological Section of the Natural Science Society is sponsoring a lecture on 1 April in Ljubljana by Dr Evgen Kinsky on "Evolution and the Brain."

TO ESTABLISH ASTRONAUTICAL SECTION IN AVIATION CLUB -- Split, Slobodna Dalmacija, 2 Apr 54

The Split Aviation Club is planning to establish an astronautical section which will concern itself with interplanetary travel. This section will be among the first of this kind in Croatia.

ANNUAL ASSEMBLY OF BIOLOGICAL SOCIETY HELD -- Sarajevo, Oslobođenje, 28 Mar 54

At the annual assembly of the Biological Society of Bosnia-Hercegovina on 27 March, Dr Payle Fukarek lectured on the flora and fauna of Bosnia-Hercegovina; Dr Radivoje Milin lectured on the syndrome of adaptation; and Engr Viktor Rzehak on the protection of crops in Yugoslavia and abroad. Dr Zeljko Madjarek demonstrated experiments illustrating the physiology of animals.

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SLOVENIAN CHEMICAL SOCIETY MEETS -- Ljubljana, Ljubljanski dnevnik, 29 Mar 54

The Slovenian Chemical Society (Slovensko kemijsko društvo) met on 27 March and reelected Prof Dr Maks Samec as its president.

The society has 140 members.

CHEMISTS AND TECHNOLOGISTS MEET IN BELGRADE -- Belgrade, Politika, 29 Mar 54

At the assembly of the Society of Chemists and Technologists of Serbia held in Belgrade, the establishment of an Institute of Chemistry was discussed. Until such an institute is established, the society will serve industry by aiding in the construction of a superphosphate plant at Bor and an oxygen plant in Serbia, and by making known the methods of utilizing sulfur dioxide obtained at copper smelters. The society will also study the possibilities of enriching domestic lignite; expanding the dye, medical and canning industries; and will plan a gas line to Belgrade.

CENTRAL COUNCIL OF CHEMICAL INDUSTRY TRADE UNIONS HOLDS PLENUM -- Novi Sad, Dnevnik, 6 Apr 54

The plenary session of the Central Council of Trade Unions of the Chemical Industry of Yugoslavia will be held in Zagreb on 10 and 11 April. Administration by workers and political work among workers will be the main topics of discussion.

BUREAU OF GEOLOGICAL AND GEOPHYSICAL RESEARCH AT WORK -- Zagreb, Borba, 28 Mar 54

The Bureau of Geological and Geophysical Research (Zavod za geoloska i geofizicka istrazivanja) is exploring the antimony mine in the Zajaca basin in western Serbia. The bureau is also working at Blagojev Kamen, Veliki Majdan, and Lece mines; and is aiding the miners at the Bujanovac mine.

In 1954, the bureau will complete a detailed analysis of the Kopaonik mountain area, long known for its ore deposits.

HYDROGRAPHIC INSTITUTE PUBLICATION -- Split, Slobodna Dalmacija, 5 Apr 54

The Yugoslav Navy Hydrographic Institute (Hidrografski institut Jugoslaven-ske ratne mornarice) in Split recently published "Granice morskih predjela uz istocnu obalu Jadranskog mora" ("The Limits of [Yugoslav] Sea Areas Along the Eastern Coast of the Adriatic Sea").

ESTABLISH CROATIAN SPELEOLOGICAL SOCIETY -- Zagreb, Narodni list, 7 Apr 54

The founding assembly of the Croatian Speleological Society was held in Zagreb on 2 April. Over 50 scientific workers and speleologists attended.

The newly established society plans to study karst phenomena and related problems, protection of caves, publish studies of speleological work, and coordinate their work with related establishments. Dr Josip Poljak was elected head of the society.

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LECTURE ON LIGNIN -- Ljubljana, Slovenski porocevalec, 6 Apr 54

A lecture on "Lignin and Its Occurrence in Wood" will be given on 19 April in the lecture room of the "Boris Kidric" Chemical Institute of the Slovenian Academy of Arts and Sciences in Ljubljana.

LECTURE ON WEATHER -- Zagreb, Narodni list, 31 Mar 54

On 31 March, at the "Maksimir" People's University in Zagreb, Prof Poje Drazen, meteorologist, will lecture on "What the Weather Will Be."

LECTURE ON MATHEMATICS -- Ljubljana, Ljudska pravica-Borba, 28 Mar 54

On 29 March, the Faculty of Natural Science and Mathematics is sponsoring a lecture by Dr Fr. Mikic, chief of the Biostatistics Laboratory of Croatia in Zagreb, on "The Utilization of Trend Tables in the Linear, Parabolic, and Logarithmic System."

NEW CALCULATING MACHINE BEING DEVELOPED -- Novi Sad, Dnevnik, 4 Apr 54

In 1953, at the "Boris Kidric" Institute of Nuclear Sciences (Institut za nuklearne nauke "Boris Kidric") in Vinca, Engineers Mitrovic and Tomovic designed a computer which solves algebraic and linear equations. The machine solves systems of 30 equations with 30 unknowns.

At present, the institute is working on a differential analyzer, which will be able to solve differential equations. The analyzer is to be completed in 1954.

MEMORIAL UNVEILED IN PHYSICS INSTITUTE -- Ljubljana, Ljudska pravica-Borba, 8 Apr 54

A statue in memory of Boris Kidric was unveiled on 5 April, in the "Joze Stefan" Physics Institute (Fizikalni institut "Joze Stefan") in Ljubljana. Prof Dr Anton Peterlin is administrator of the institute.

LECTURES ON PHYSICS -- Sarajevo, Oslobodjenje, 5 Apr 54

Dr Dragoljub K. Jovanovic, one of Yugoslavia's best known physicists, spent the last week in March in Sarajevo, where he gave a series of lectures on physics.

LECTURE ON DEVELOPMENT OF THE HYDROGEN BOMB -- Zagreb, Narodni list, 31 Mar 54

On 31 March, at the Central People's University in Zagreb, Dr Davorin Bazjanac, university professor, will lecture on the "Development of the Hydrogen Bomb."

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Technology

HOLD ASSEMBLY OF SOCIETY OF ENGINEERS AND TECHNOLOGISTS -- Novi Sad Dnevnik, 27 Mar 54

The founding assembly of the Society of Engineers and Technologists of Sombor was held recently. Engr Dusan Pecujlić was elected president.

ESTABLISH NEW TECHNOLOGICAL ASSOCIATION -- Zagreb, Borba, 29 Mar 54

In Belgrade 15 days ago, the Yugoslav Students' Association for Technical Development (Jugoslavenski studentski savez za tehnicki odgoj) was established as a central agency for increasing the level of general technical knowledge of all students. Councils in all university centers are being established. An initiatory council has been organized at Zagreb University, which is preparing for a founding assembly to be held the end of April.

LECTURE ON ROLLED STEEL AND ALUMINUM -- Ljubljana, Ljudska pravica-Borba, 31 Mar 54

The Electrotechnical Society of Slovenia (Elektrotehniško društvo Slovenije) invited its members and metallurgists to a lecture by Dr Engr Strobl of the "Elin" enterprise. On 1 April in Ljubljana, he will lecture on rolled steel and aluminum products.

ELECTRIC POWER DISCUSSION -- Belgrade, Politika, 26 Mar 54

On 26 March, the Council for the Electrical Economy (Odbor za elektropri-vredu) of the Society of Mechanical and Electrical Engineers and Technologists of Serbia (Društvo masinskih i elektrotehnickih inženjera i tehnicara Srbije) will meet to discuss a proposal for alleviating the electric power crisis in Serbia in 1954 and 1955.

LECTURES ON CONSTRUCTION -- Ljubljana, Ljudska pravica-Borba, 31 Mar 54

Beginning on 9 April, the Central People's University (Centralna ljudska univerza) in Ljubljana is sponsoring a series of eight lectures on new methods of construction connected with the work of the Underwater Construction Laboratory (Vodogradbena laboratorija) and the Bureau for Research in Construction Materials (Zavod za preiskavo gradbenega materiala).

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